

VARIABLE CAM TIMING UNIT OIL SUPPLY ARRANGEMENT

Abstract of Disclosure

An internal combustion engine arrangement 7 with a variable cam timing unit pressurized oil supply arrangement 49 is provided. A first pump 44 delivers oil through a first check valve 62 to a VCT unit 83 and additionally provides oil to the engine lubrication system. A second oil pump 104 provides pressurized oil to the VCT unit 83 through a second check valve 106. An accumulator 114 is connected between the first 62 and second 106 check valves to pressurize oil delivered to the variable cam timing unit 83.

Figures

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